



METHODS OF IDENTIFYING PATTERNS IN BIOLOGICAL SYSTEMS AND USES THEREOF  
Serial No. 10/057,849 Filed: 01/24/2002  
Inventors: Isabelle Guyon and Jason Weston

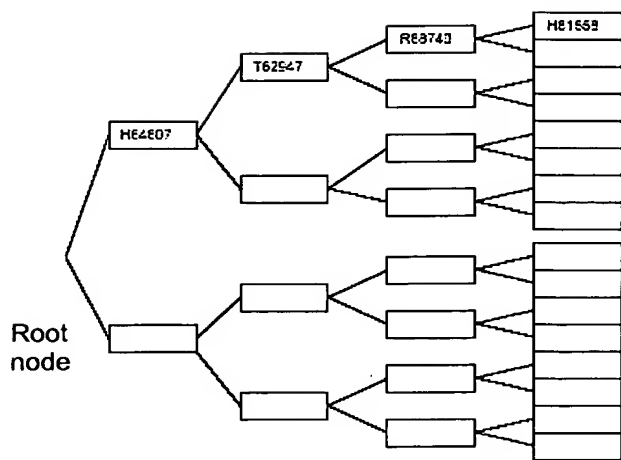


FIG. 10a

Older  
siblings

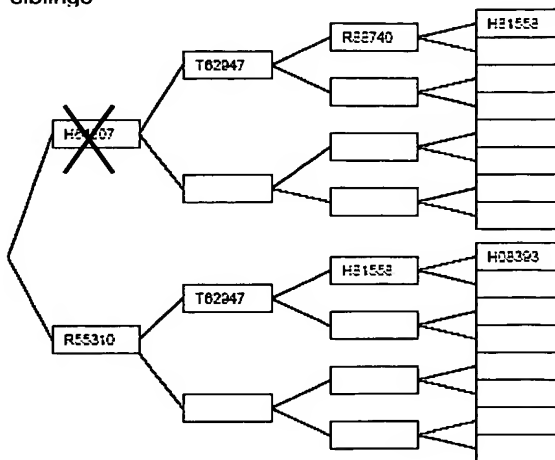


FIG. 10b

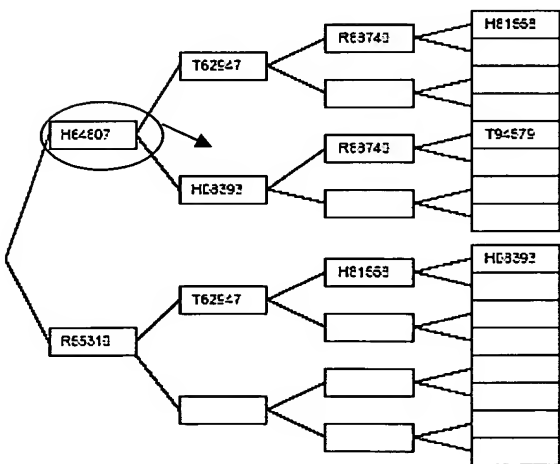


FIG. 10c

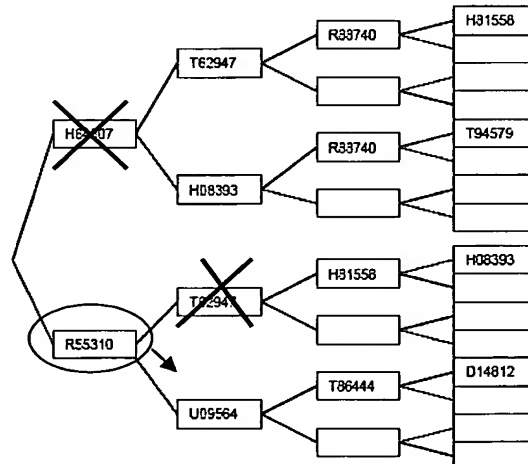
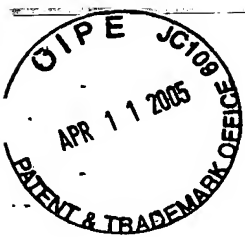


FIG. 10d



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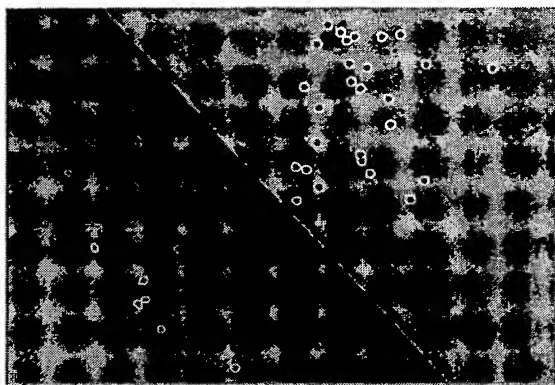


FIG. 11a

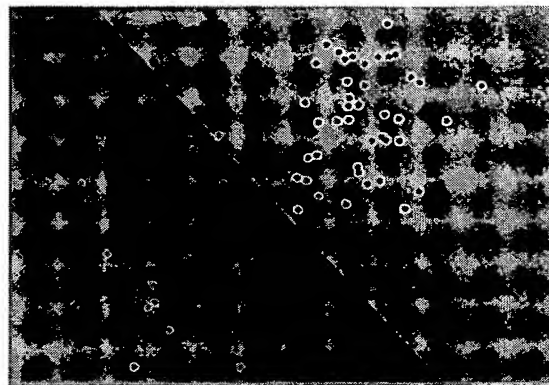


FIG. 11b

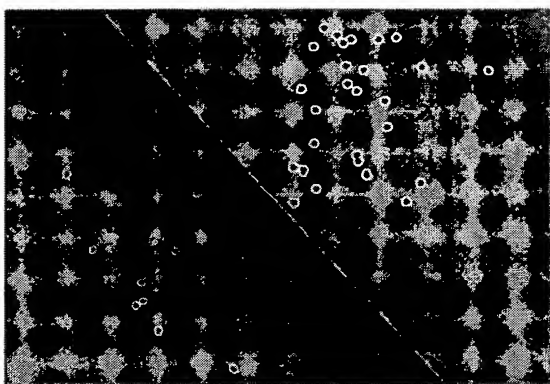


FIG. 11c

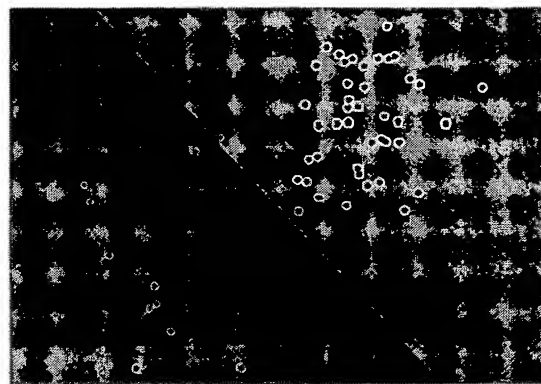


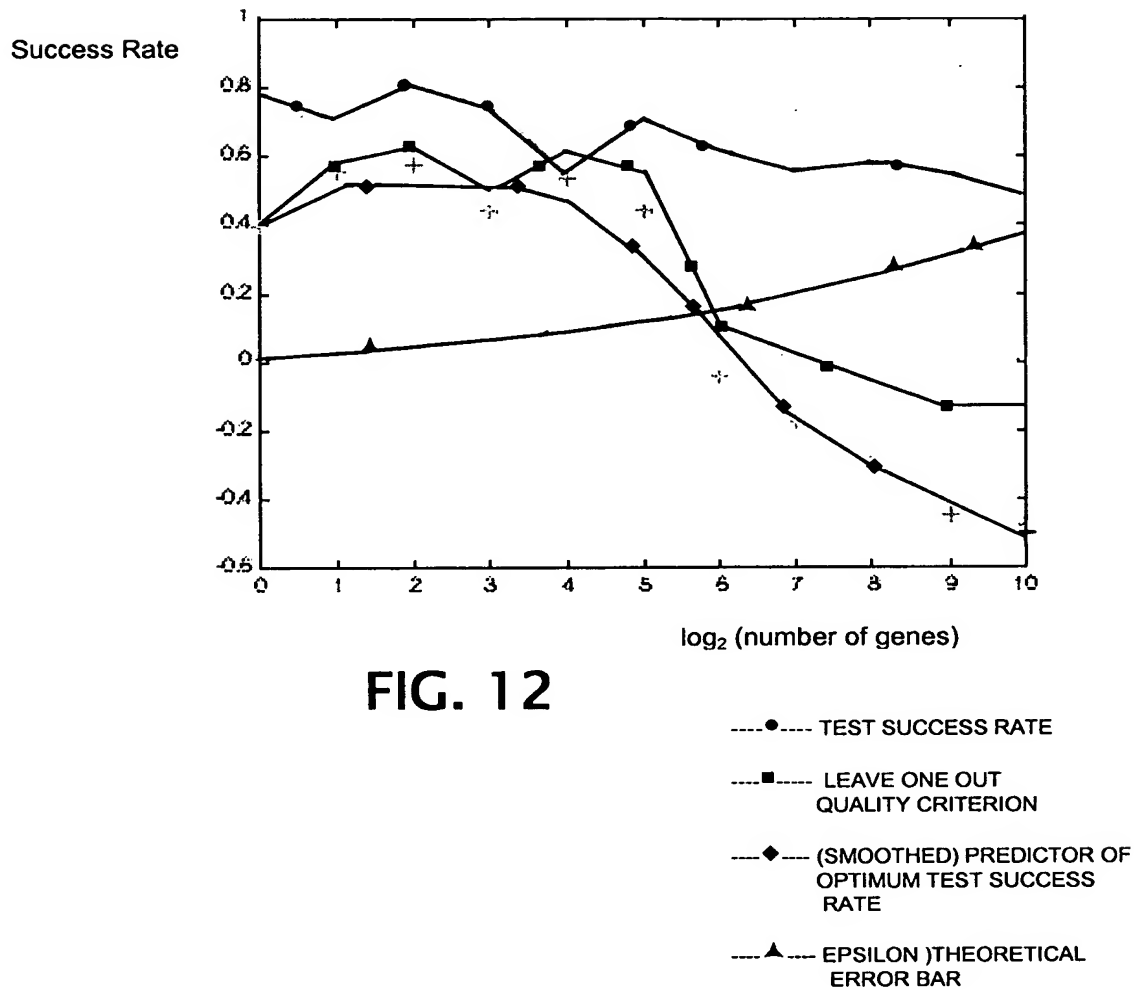
FIG. 11d

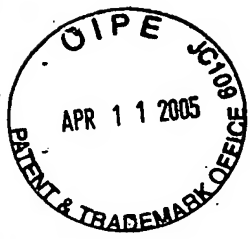


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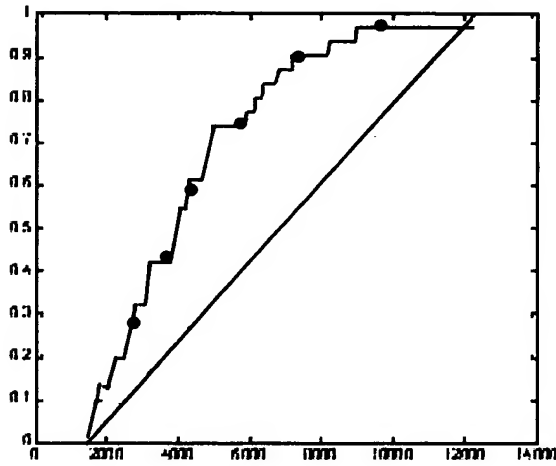


FIG. 13a

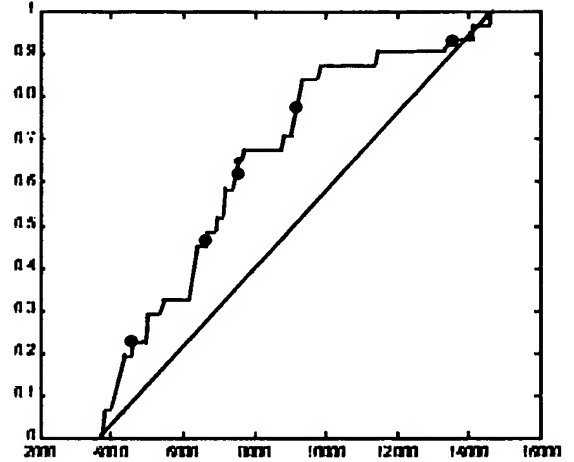


FIG. 13b

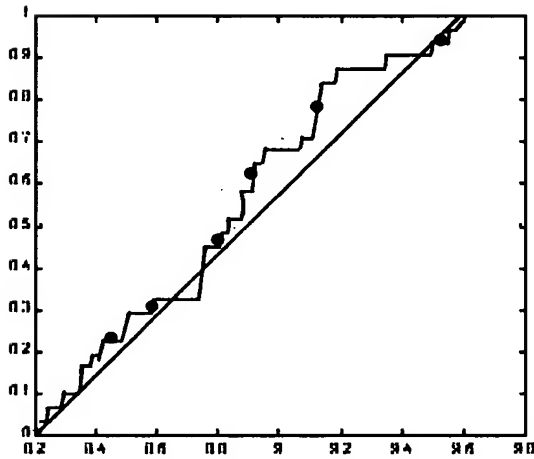


FIG. 13c

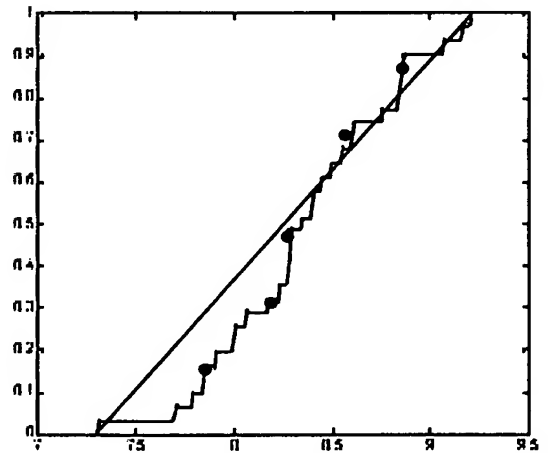
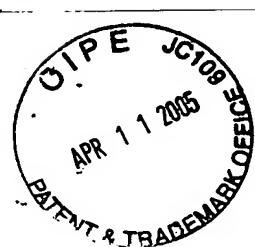


FIG. 13d



METHODS OF IDENTIFYING PATTERNS IN BIOLOGICAL SYSTEMS AND USES THEREOF

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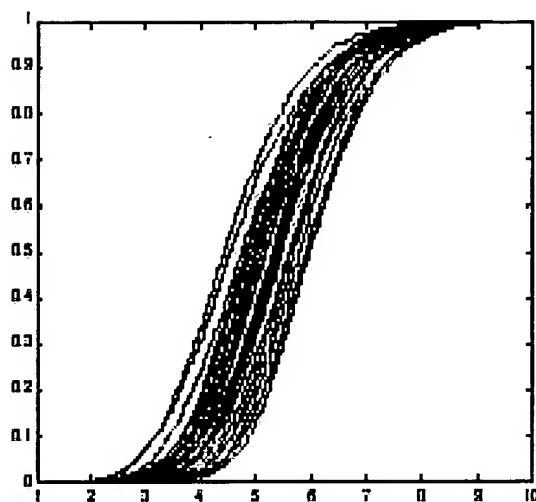


FIG. 14a

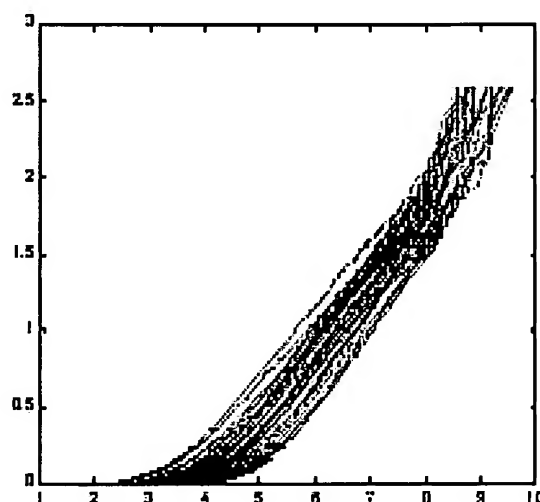


FIG. 14b

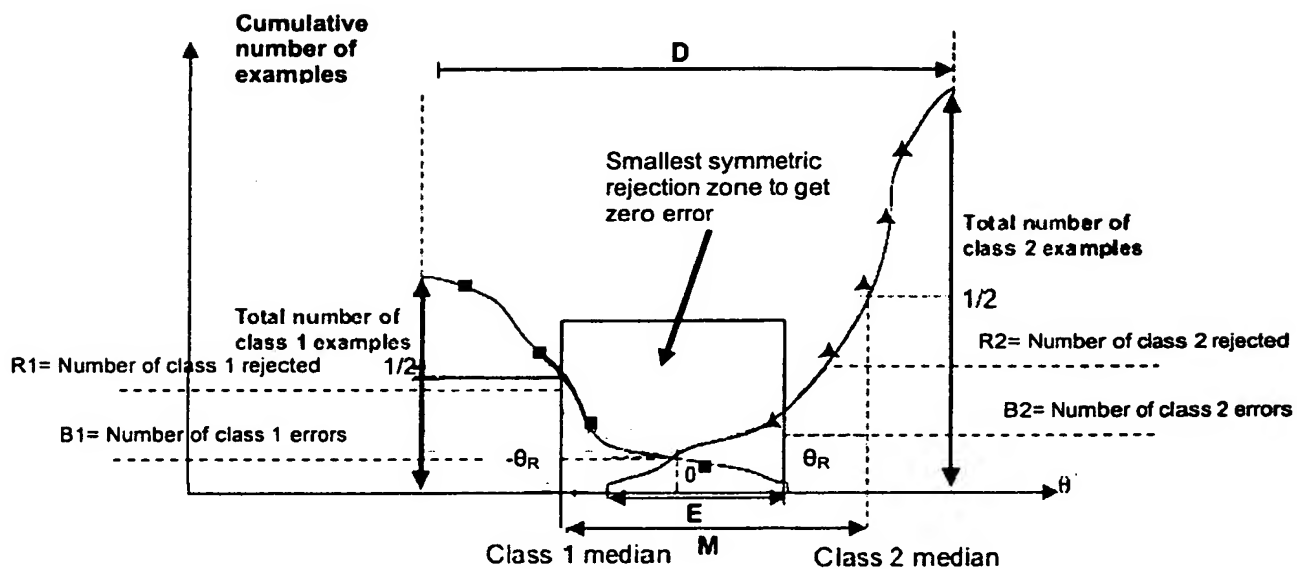
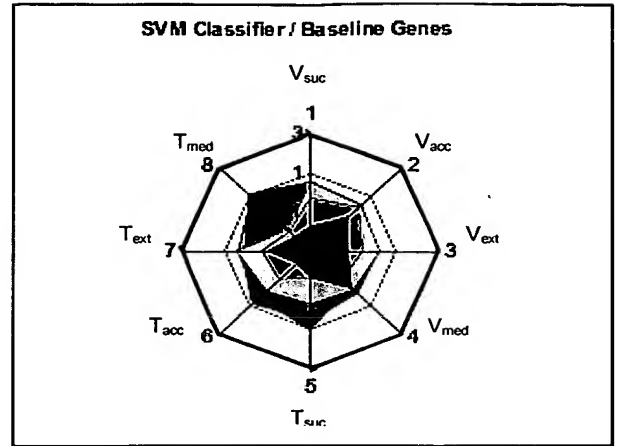
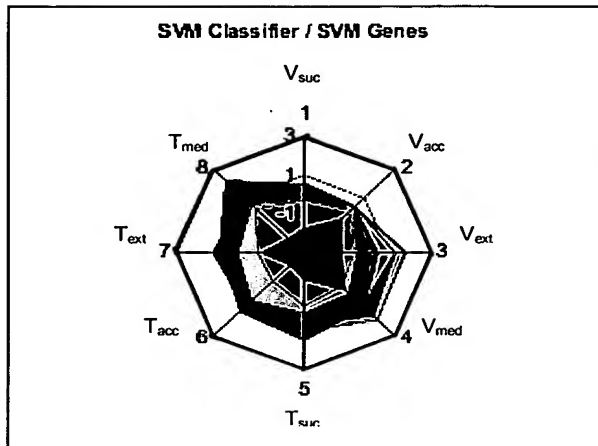


FIG. 22

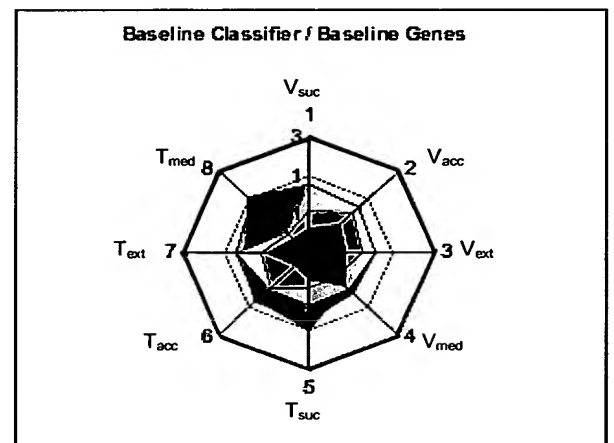
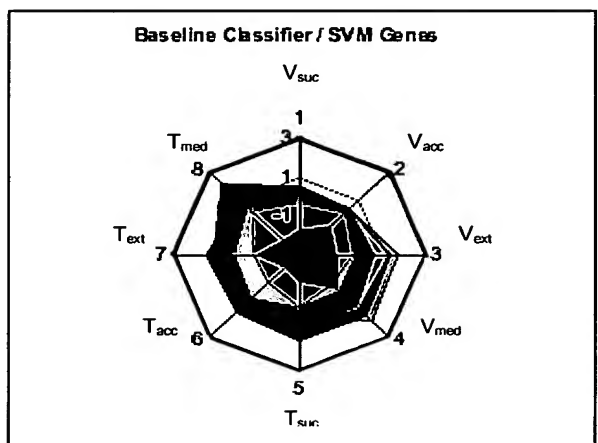


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□ 4096 ■ 2048 □ 1024 □ 512 ■ 256 □ 128 ■ 64 □ 32 ■ 16 ■ 8 □ 4 □ 2 ■ 1

FIG. 23a



□ 4096 ■ 2048 □ 1024 □ 512 ■ 256 □ 128 ■ 64 □ 32 ■ 16 ■ 8 □ 4 □ 2 ■ 1

FIG. 23b





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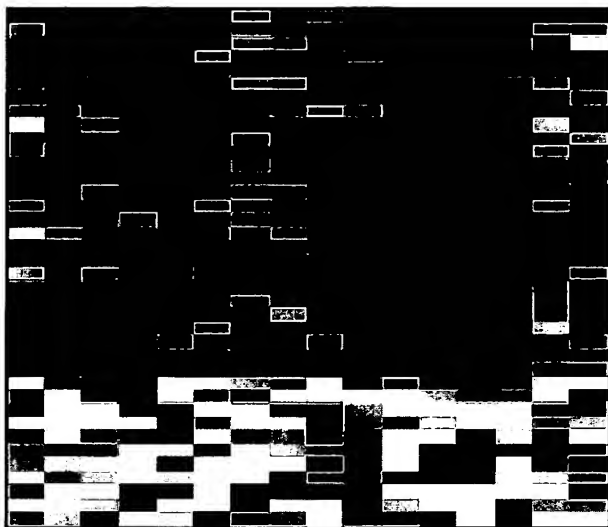


FIG. 24a



FIG. 24b



FIG. 24c



FIG. 24d

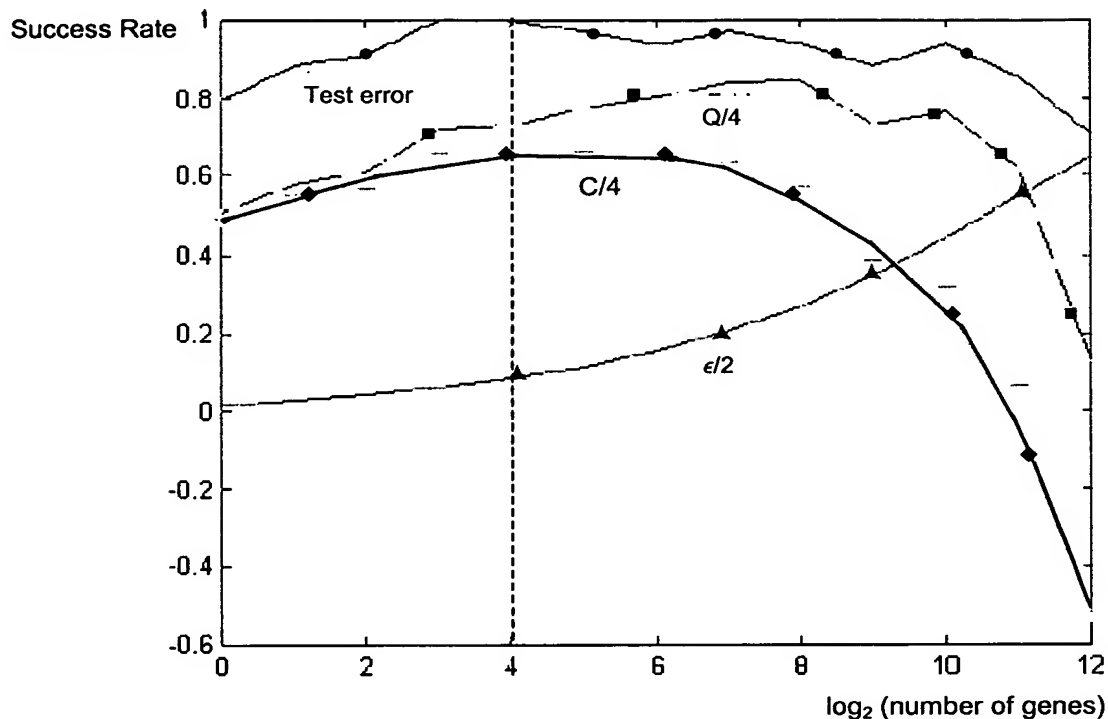


FIG. 25

- TEST SUCCESS RATE
- LEAVE ONE OUT QUALITY CRITERION
- ◆--- (SMOOTHED) PREDICTOR OF OPTIMUM TEST SUCCESS RATE
- ▲--- EPSILON (THEORETICAL ERROR BAR)

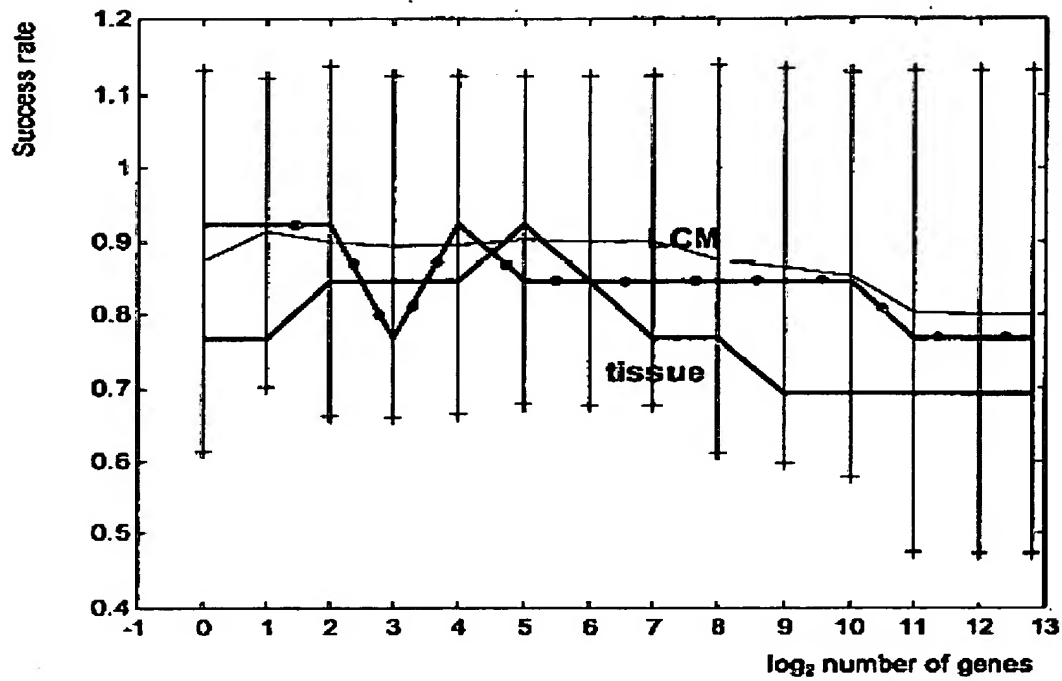


FIG. 26

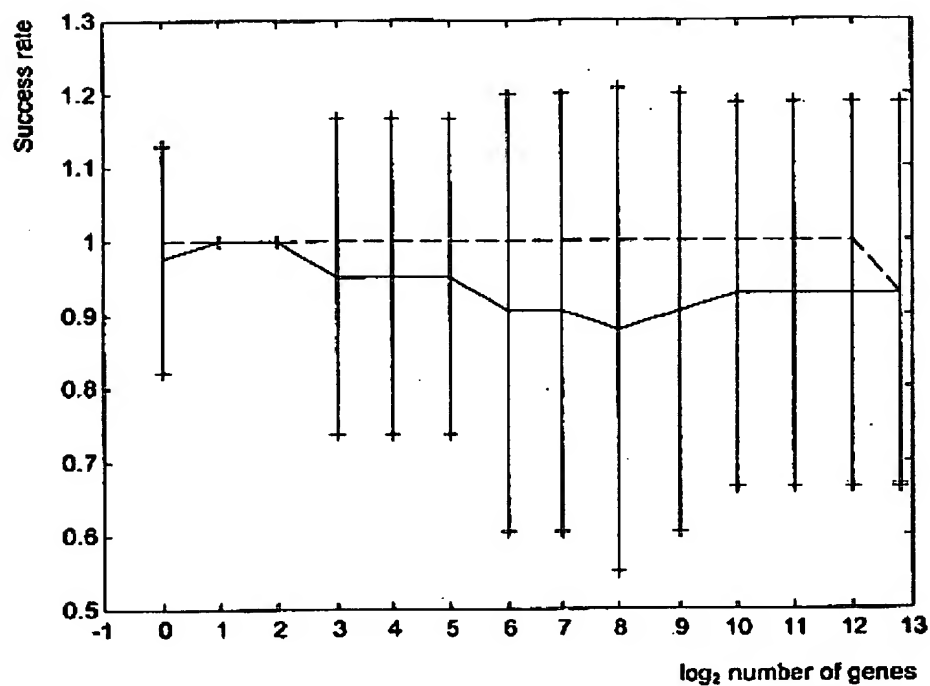
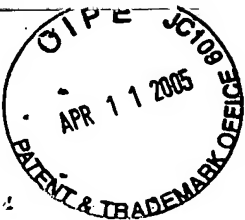


FIG. 27



## Best Available Copy

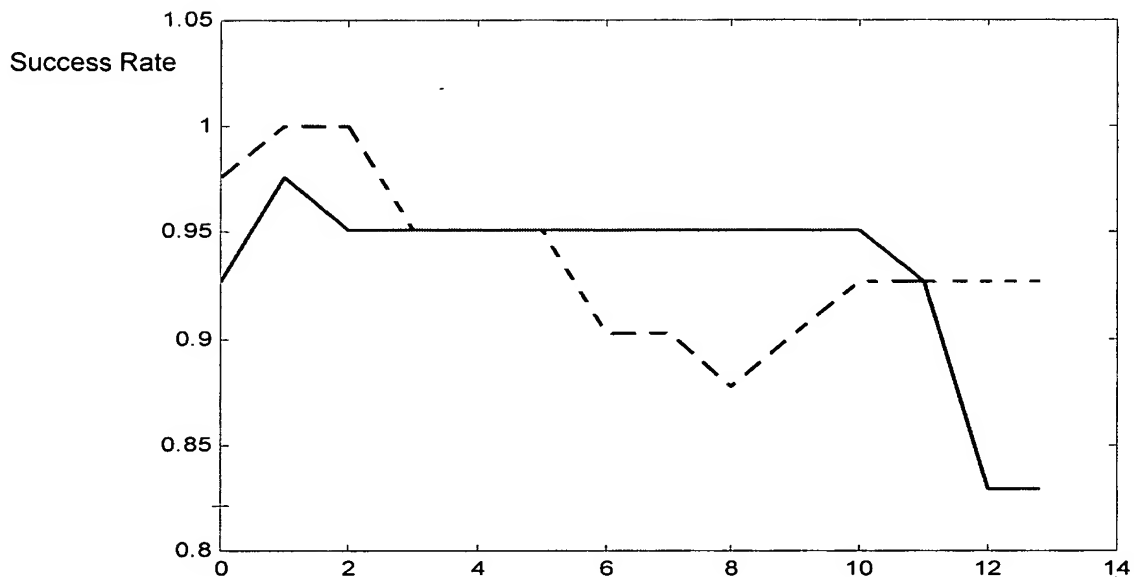


FIG. 28

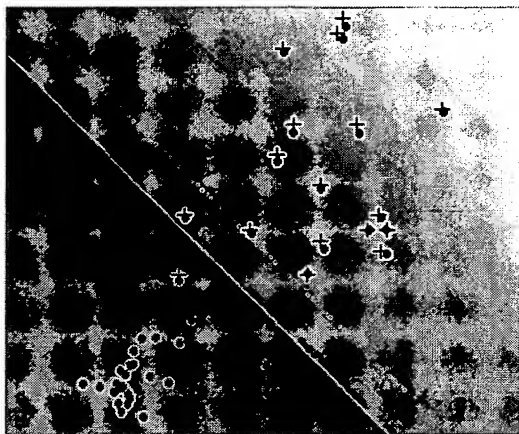


FIG. 29a

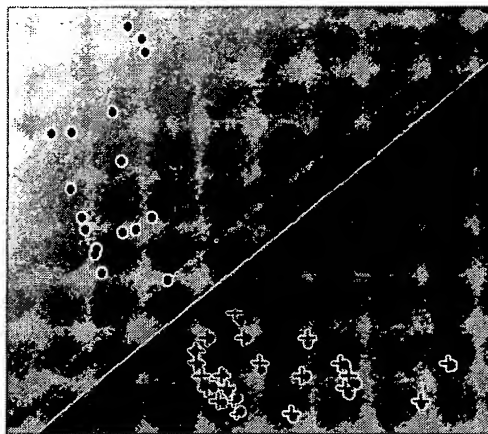


FIG. 29b